

Leaves preparation

1. Clean the cabbage leaves.
2. Cut the leaves by diced device.
3. Drop 20 μ L toxic peptide solution on the front surface.
4. Smear the leaves for even distribution.
5. Drop 20 μ L toxic peptide solution on the back surface.
6. Smear the leaves for even distribution.

Feeding Assay

1. Prepare 90 cabinets and label.
2. Put in 5 *Spodoptera litura* per cabinet.
3. Put the leaf that coated the toxic peptide in the cabinet and wait 12 hours.
See protocol Leaves preparation.
4. Clamp leaves and conserve them in plastic film.
See protocol Leaves conservation.
5. Measure area of the leaves.

Leaf conservation

1. Prepare two cellophanes and wet them.
2. Put on the leaves on one cellophane and cover the other one on leaves.
3. Thrust out all bubbles between two cellophanes.
4. Air dry the sheet.